

Di-tert-butylchlorido(N,N-dibenzylthiocarbamato)tin(IV).

ABSTRACT

The SnIV atom in the title diorganotin dithiocarbamate, [Sn(C₄H₉)₂(C₁₅H₁₄NS₂)Cl], is pentacoordinated by an asymmetrically coordinating dithiocarbamate ligand, a Cl atom and two C atoms of the Sn-bound tert-butyl groups. The resulting C₂ClS₂ donor set defines a coordination geometry intermediate between square pyramidal and trigonal bipyramidal with a slight tendency towards the former.

Keyword: Single-crystal X-ray study; Atom; Diorganotin dithiocarbamate.